# *NetDeliver @V2100* User's Manual

(D/N: 250-0362-0 V1.0)

AVISION

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This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**FCC CAUTION:** To assure continued compliance, (example - use only shield interface cables when connecting to computer or peripheral devices). Any changes or modifications not expressly approved by the manufacture of this device could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party: Avision Labs, Inc.

Telephone No.: +1 (510) 739-2369

# EC Declaration of Conformity

**Update with final regulations**
**According to EN55022 and EN55024**

| | |
|---|---|
| **Manufacturer's Name:** | Avision Inc. |
| **Manufacturer's Address:** | No. 20, Creation Road I,<br>Science-based Industrial Park, Hsinchu<br>Taiwan, ROC |

**Declare that the product**

| | |
|---|---|
| **Model Name:** | NetDeliver @V2100 |

**Conforms to the following Product Specification**

| | |
|---|---|
| **Emission:** | EN 50081-1<br>EN 55022<br>EN 61000-3-2<br>EN 61000-3-3 |
| **Immunity:** | EN 55024<br>EN 60950<br>IEC 61000-4-2<br>IEC 61000-4-3<br>IEC 61000-4-4<br>IEC 61000-4-5<br>IEC 61000-4-6<br>IEC 61000-4-8<br>IEC 61000-4-11 |

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# 1 Getting Started

## Precautions

- Keep the machine out of direct sunlight. Direct exposure to the sun or excessive heat may cause damage to the unit.
- Do not install the machine near heating or air conditioning units.
- Do not install the machine in a humid or dusty place.
- Be sure to use the proper AC power source.
- Only use the AC adapter (model name ADP-50ZB made by Delta Electronics, Inc.) included with the machine. Using other AC adapters may damage the machine and void the warranty.
- Place the machine securely on an even, flat surface. Tilted or uneven surfaces may cause mechanical or paper-feeding problems.
- Retain the box and packing materials for shipping purposes.

# Introduction

Thank you for purchasing the Avision NetDeliver @V2100, an internet appliance. The NetDeliver @V2100 offers an unprecedented document delivery technology, transmitting paper documents electronically over the internet.and intranent. With @V2100, you have power to instantly send your business document to designated recipients at any place in the world. When you apply the @V2100 to your work, you no longer need to run to a copy center for making copy and someone's computer for filing document, not to mention wasting cost and time in the postal mail method.

Best of all, with the addition of a laser printer and a server , the @V2100 is able to perform digital copying and filing. This innovation provides business users with a cost-saving way to upgrade regular office equipments to an internet appliance, and to consolidate business-to-business e-Commerce.

# Features

**E-mail Forwarding:**

Connected to an Ethernet network and a SMTP server, the @V2100 allows you to transmit document(s) over the internet via email. With a touch of the e-mail button and the selection of your recipients' e-mail addresses, the document(s) is/are first scanned and converted into an image file, and then transmitted to remote recipients within minutes.

**Filing Document:**

The @V2100 allows you to send your documents to a server or a personal computer's file folder over intranet with FTP,HTTP,or CIFS protocol.

Such a filing management frees up your desk space and delivery time because only one machine is shared by many users.

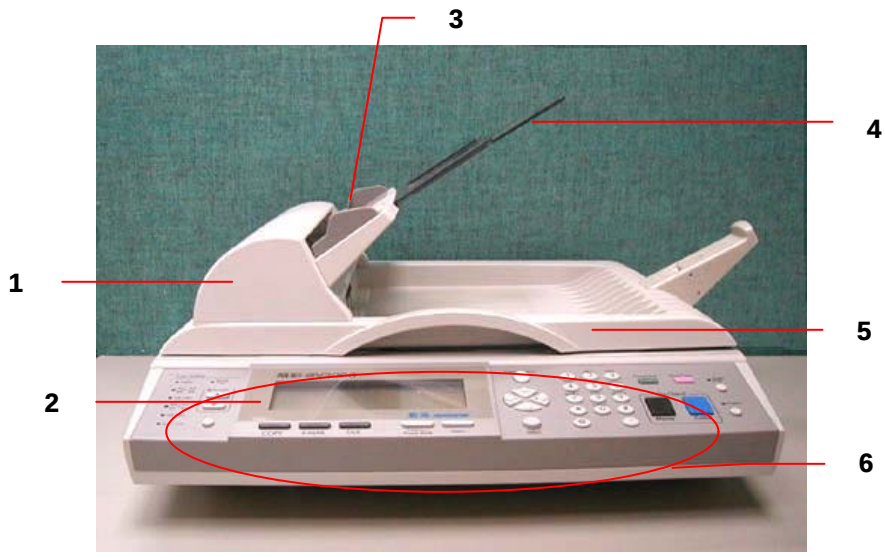
**Digital Copying:**
Connected to a color or black and white laser printer, the @V2100 becomes a digital copier. With an intuitive control panel, making digital copy becomes fast and easy.

**Multiple Pages Sending:**
With the built-in Auto Document Feeder, the @V2100 allows a stack of 25 page document(s) to be continuously scanned at one time in reliable quality , so as to increase your efficiency.

**Address Book/Folders Managing:**
The @V2100 provides a convenient way to manage the address and file folders. Simply by typing the machine's IP address in the URL field of your browser, the @V2100 web page will be prompted. This web page allows the administrator to create a list of e-mail addresses and filing folders and password for security purpose.

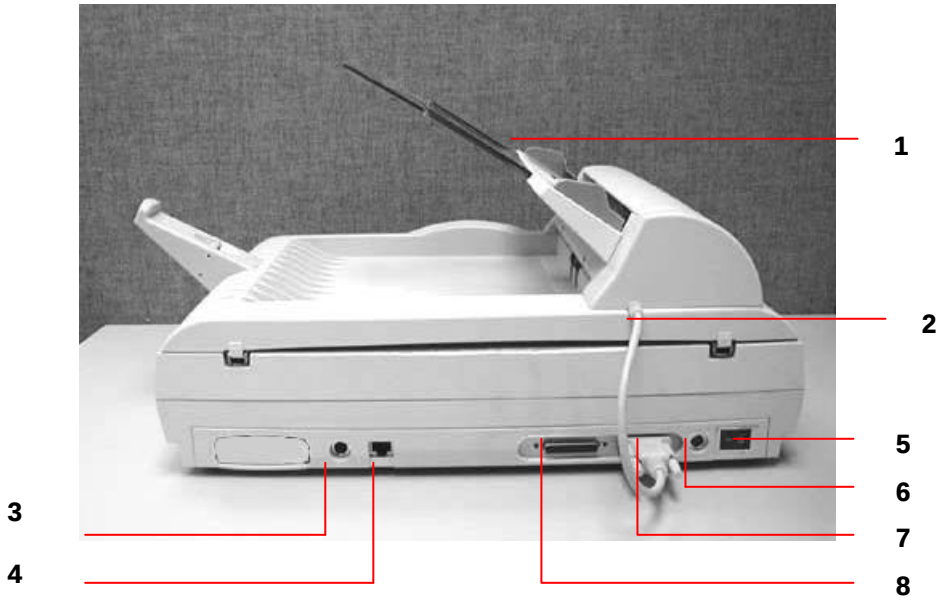
# External View

**THE FRONT VIEW**



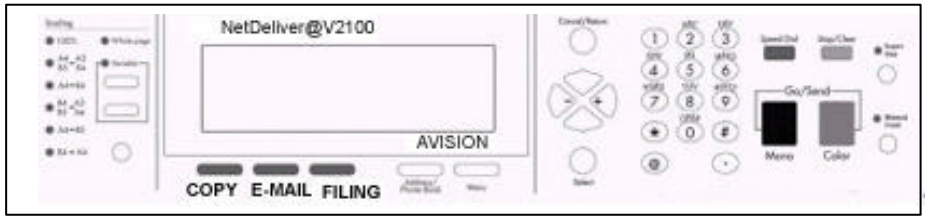

1. ADF Front Cover
2. LCD-display
3. ADF Paper Tray
4. ADF Paper Support
5. Document(s) Cover
6. Control Panel

**THE REAR VIEW**




1. Paper Feed Tray
2. ADF Cable
* 3. Keyboard Port
4. RJ-45 Network Port
5. Power Switch
6. Power Jack
7. ADF Port
8. Printer Port

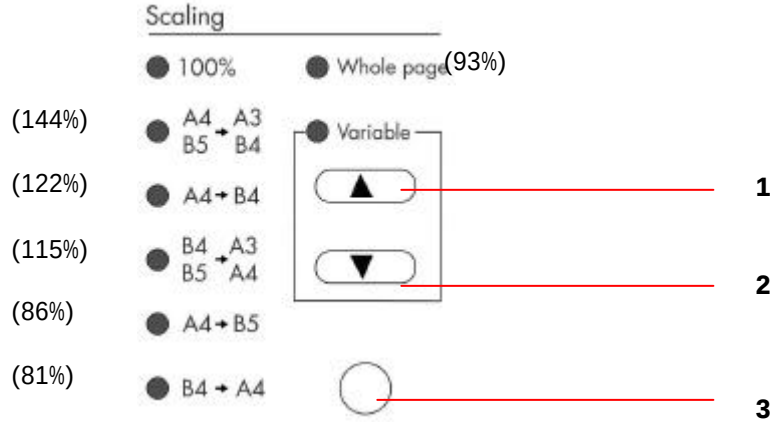
# Control Panel




**Part A** **Part B** **Part C** **Part D**

## Part A: Scaling Area:

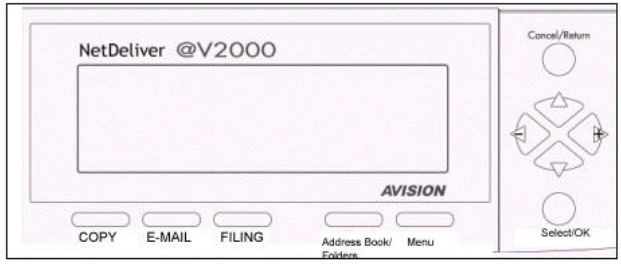
Used to reduce document(s) down to 25% or enlarge it up to 400%.




1. Increase scaling in 1% increment
2. Decrease scaling in 1% Decrement
3. Select scaling from the preset percentage

## Part B: LCD-display & Function Keys:

Used to display current operation and select key working mode.




### Function Keys and others:

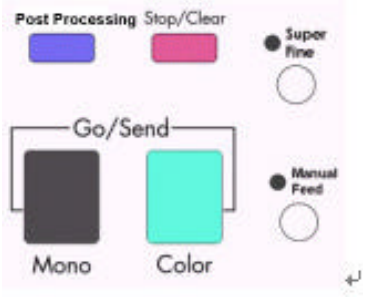
| | |
|---|---|
| **COPY** | Press to use the Copy function. |
| **E-MAIL** | Press to use the email function. |
| **FILING** | Press to use the filing function. |
| Address Book/Folders | Press to select an email address from an address book or folder name from a folder book. |
| Menu | Press to setup the machine. |
| Cancel/Return | Used to cancel previous input. |
| | Used to move to up/down/left/right. |
| | Used to move to the left or to delete last input. |
| Select/OK | Used to select your command. |

## Part C: The Numeric/Character Keypad:

Used to enter the network parameters or copy page number.

## Part D: Start & Other Keys:

Used to select scanning resolution and start sending or copying document(s).




| | |
|---|---|
| Post Processing | (This function is temporarily reserved for the future usage.) |
| Stop/Clear | Used to stop sending process or clear previous operation. |
| Super Fine | Stands for Super Fine. Used to enhance scanning resolution. |
| Mono | Used to scan and send document(s) in black and white. |
| Color | Used to scan and send document(s) in color. |
| Manual Feed | Used to disable multi-batch document linkage during scanning. |

# Pre Installation Information

The @V2100 has to be setup properly on your network to perform email and filing functions. The following network parameters have to be set. For required information and LAN connection, please contact your network administrator.

***Important !***

**Make a copy of the following table and ask your Network Administrator to complete the information.**

| | |
|---|---|
| **1. IP Address:** | **. . .** |
| **2. Subnet Mask:** | **. . .** |
| **3. Gateway IP:** | **. . .** |
| **4. SMTP Server:** | **. . .** |
| **5. Filing Server:** | **. . .** |
| **6. NTP Server:** | **. . .** |

***Note: "*" requests an IP address you must fill.***

**Explanation of contents:**

| | |
|---|---|
| 1. *IP Address: | The Internet Protocol (IP) address assigned to your machine by your network administrator. |
| 2. Net Mask: | The net mask address assigned by your network administrator. |
| 3. Gateway IP: | The gateway IP address assigned by your network administrator. |
| 4. *SMTP Server: | The IP address of your SMTP Mail Server assigned by your network administrator. |
| 5. Filing Server: | The IP address of your filing server.(so far unavailable) |
| 6. NTP Server: | The IP address of your *NTP server. |

**Note:**

1. ***IP Address: An IP (Internet Protocol) address uniquely identifies a host connection to an IP network. System administrator or network designer assigns the IP address. The IP address consists of two parts, one identifying the network and the one identifying your node.**

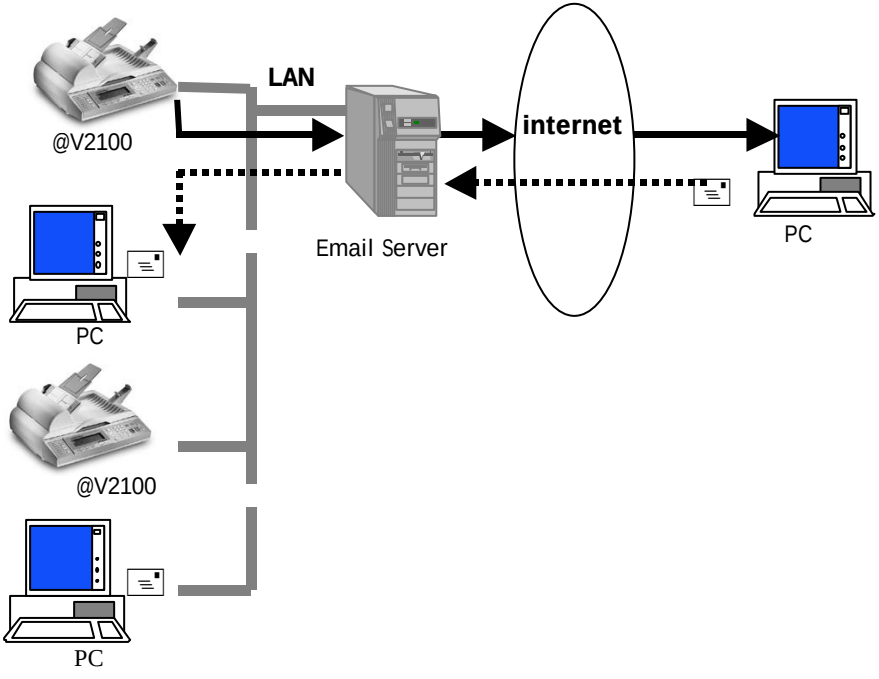
   **The IP address is usually written as four numbers separated by periods. Each number can be zero to 255. For example, 10.1.30.186 could be an IP address.**

2. ***SMTP: Stands for Simple Mail Transfer Protocol. It is the main communication protocol used to send and receive email on the Internet.**
3. ***NTP: Stands for Network Time Protocol. It is the main time protocol used on internet.**

**EMAIL FORWARDING**

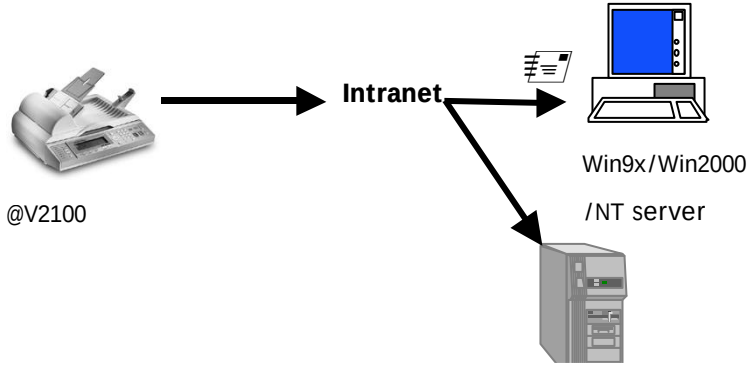
The @V2100 allows you to transmit document(s) over the Internet via email. The document is first scanned and converted into a jpeg-formatted or a pdf-formatted file, and then transmitted to a remote recipient as an attachment to an email.

When you send an email to someone via the @V2100, the @V2100 uses Simple Mail Transfer Protocol (SMTP) to transfer your outgoing mail to your SMTP mail server, and then to send your mail to the Internet.



**Filing document over intranet:**

Through the intranet with FTP,HTTP,CIFS,or DIMS protocol, the @V2100 allows you to put document directly to a designated server or personal computer's file folder in one of these compressed formats, pdf,tiff,and jpeg. CIFS is the sharing system of Microsoft Windows. DIMS is the special protocol,by which the @V2100 supports Post Processing, and is also applied to document management software like Formosoft's Document Imaging Management System. What's unique about this filing function is to let entire corporate users share one machine to send documents to each desired file folder on a designated server or individual computer. Don't need to go back to office desk to use those stone-age scanners, copiers , image-compressed software ,etc.. Your office desk space will not be occupied by too many electronic devices, and working time and production cost are definitely reduced due to the efficient use of corporate intranet.



# 2 Setting up Your Machine

## Minimum Configuration Requirements

To make the best of the @V2100, the following configuration is required:

**To send emails from the @V2100:**

- TCP/IP network
- A SMTP server

**To file document(s) via intranet**

- FTP,HTTP,CIFS,or DIMS Protocol environment
- Windows 9x, Windows NT,Windows 2000,HTTP,or FTP server

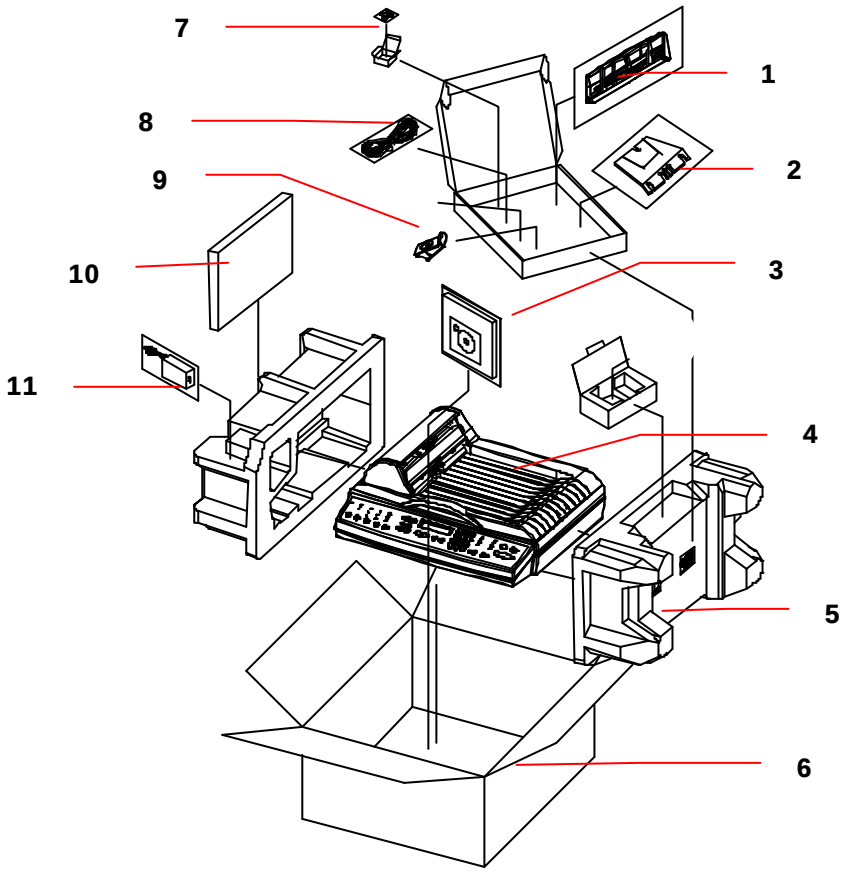
**To make copies from the @V2100:**

- A PCL-compliant laser printer

**Note:** **If you are not familiar with these terms, contact your network administrator to set up the @V2100 on your network properly.**

## Checking Package Contents

Unpack the box and check its components. If there is any item missing, contact your dealer immediately.

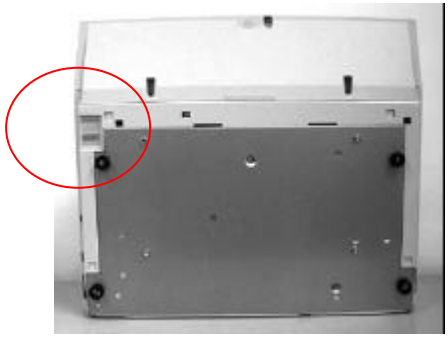



1. Paper Feed Tray
2. Paper Support
3. User's Manual, Quick Guide
4. @V2100 Main Body
5. Cushion
6. Carton
7. ADF Pad
8. Power Cord
9. Paper Stopper
10. Keyboard
11. Power Adapter

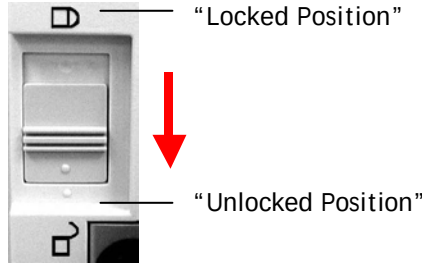
## Unlocking the Scan Unit

The scan unit is locked during transport to protect the scanning mechanism from being damaged. ***Be sure to unlock the scan unit before using the machine.***

1). Locate the lock switch underneath the machine.



2). Move the lock switch to the **"unlocked position"**.

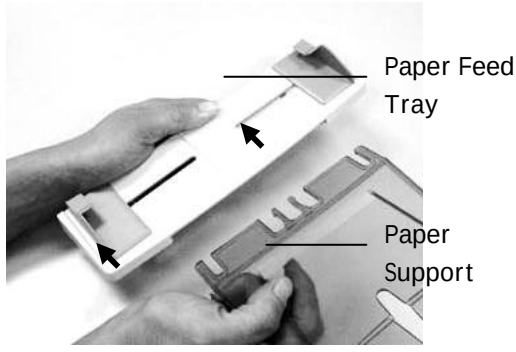



**Note:**
**If you need to move your @V2100 for repair or any other reason, be sure to lock your @V2100 before moving. To lock your @V2100, please do the following,**

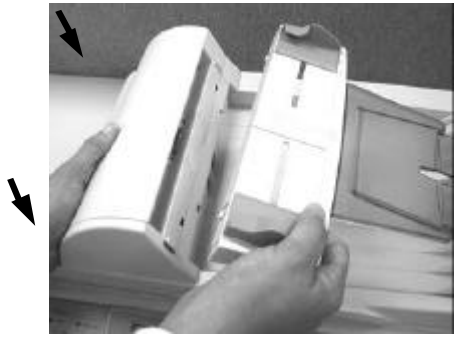
1. **Turn off your @V2100.**
2. **If the scanning head is not located at the front of the glass, turn the @V2100 on to return the scanning head to the front of the glass. After the scanning head is returned to the home position, turn the power supply off.**
3. **Move the lock switch to the "Locked Position".**

## Installing the Paper Feed Tray

1). Attach the Paper Support to the Paper Feed Tray.




2). Then, attach the Paper Feed Tray to the machine.



# Connecting the Cables

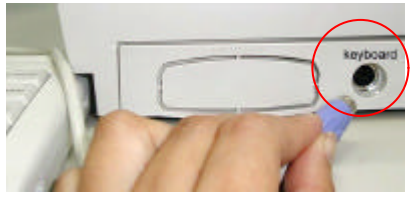
## CONNECTING THE ETHERNET CABLE

1. Connect one end of your Ethernet LAN cable to an available port of your Ethernet Hub.

2. Connect the other end to the network port at the back of your @V2100.

## CONNECTING THE KEYBOARD CABLE

1. Connect the cable of the keyboard to the PS2 port at the back of the @V2100.



## CONNECTING THE PRINTER CABLE

1. Connect one end of the printer cable (not included) to your printer.

2. Connect the other end to the printer port of your @V2100.

## CONNECTING THE ADF CABLE

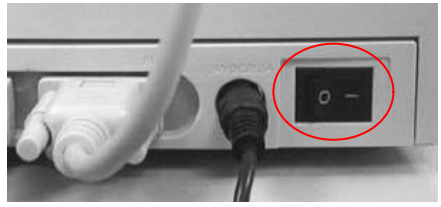
Connect the ADF (Auto Document Feeder) cable (attached to the document(s) cover) to the ADF port at the back of the @V2100.

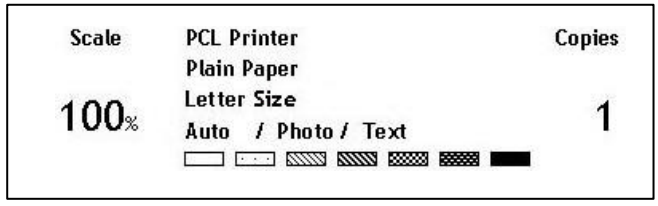
## CONNECTING THE POWER AND TURNING ON THE MACHINE

1. Press the power switch to the “0” position to turn off the @V2100.
2. Connect the small end of the power cable to the power port of your @V2100.

3. Connect the other end to an appropriate power outlet.

4. Press the power switch to the "I" position to turn on your @V2100. After showing the warming up message, the LCD display prompts the Copy ready status (present) as shown below.






**Note**: **You can leave your @V2100 ON at all times since the @V2100 is designed with a power saving function. If the @V2100 is idle for four hours, it automatically shuts off the scanning lamp.**

# Setting up Your Network Parameters

Before using the @V2100, please setup the @V2100 properly on your network to perform email and filing functions. The following network parameters have to be set. For required information and LAN connection, please contact your network administrator.

**To set up the network parameters via the control panel,**

1. After turning on the @V2100, press the **Menu** button and then the **Network Configuration** item to prompt the **Network Configuration** screen (see below) in the LCD-display.

| | |
|---|---|
| 1. IP Address: | . . . |
| 2. Net Mask: | . . . |
| 3. Gateway IP: | . . . |
| 4. SMTP Server: | . . . |
| 5. Filing Server: | . . . |
| 6. *NTP Server: | . . . |
| 7. Save & Exit: | |
| 8. Exit: | |

The Network Parameter Settings

2. Consult your network administrator for the network parameters and enter them respectively.
3. Use the ▼ key to scroll the **Save & Exit** menu and press the **Select** button to save your setting.

**Note:**

1. ***NTP Server: Stands for Network Time Protocol. To set the correct clock on the @V2100, it is recommended to fill in the IP address of your NTP server. For your information, following IP addresses of the NTP servers can be accessed. Simply choose one of them and fill the IP address in the NTP server field on the Network screen.**

| Country | Host Name | IP Address |
|---|---|---|
| Australia | ntp.cs.mu.OZ.AU | 128.250.36.2 |
| Canada | clock.uregina.ca | 142.3.100.2 |
| Swiss | swisstime.ethz.ch | 129.132.2.21 |
| Germany | ntp0.fau.de | 131.188.34.75 |
| France | canon.inria.fr | 192.93.2.20 |
| Hong Kong | clock.cuhk.edu.hk | 137.189.6.18 |
| Japan | clock.nc.fukuoka-u.ac.jp | 133.100.9.2 |
| USA | ntp.alaska.edu | 199.165.76.11 |

2. **To set the clock for the @V2100, in addition to entering the IP address of the NTP server, you are requested to choose the appropriate time zone in your area in the "Date/Time" field. To choose the appropriate time zone, please press the "Menu" and then "General" buttons on the Control Panel, then select your time zone in "Time Zone" field. Once you are done, the @V2100 is able to reflect the accurate local date and time each time the machine is powered on.**

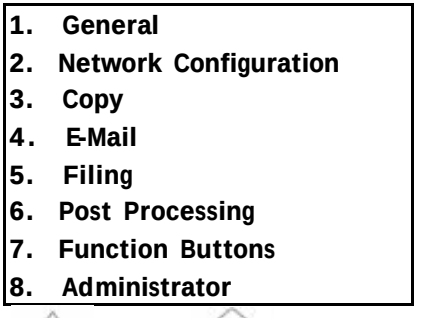
# 3 Administration

This chapter describes how to perform the administrator activities either on the control panel or on the @V2100 web page.

The access to the administrator activities is blocked by the administrator password. It is recommended that an administrator create a password before performing these activities.

## To Administer the setting screen via the LCD-display

1. Press the **Menu** button ( Menu ). The Setting screen appears as below.



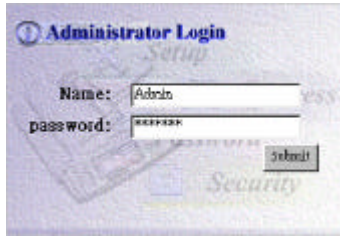

2. Use the or the key to move between the menus.

3. For the contents of each menu, please see the subsequent section, *Summary of Administrator Activities*.

## To Administer the @V2100's Web Page

1. Start your browser, either Netscape 4.0 or the I.E. 4.0.
2. Type the IP address of your @V2100 in the URL field of your browser. The @V2100 web page appears.

3. Click on **Administrator** to prompt the **Administrator Login** dialog.




3. Enter your name and password and click **Submit**. The Setting screen appears as below.

4. For the contents of each menu, please see the subsequent section, *Summary of Administrator Activities*.

# Summary of Administrator Activities

| Configuration Settings | Description |
|---|---|
| **Setup Menu** | |
| **General** | |
| Device Name | Displays the model name. |
| Date/Time | Current date and time. |
| Time Zone | Based on Greenwich Mean Time(GMT). |
| **Network Configuration** | |
| IP Address | IP address of your @2000. |
| Subnet Mask | The IP address of your subnet mask. |
| Gateway | The IP address of your gateway. |
| SMTP Server | IP address of your SMTP Server. |
| NTP Server | IP address of your NTP server. |
| **Copy** | |
| Printer Name | PCL printer |
| Paper Type | Plain paper |
| Paper Size | **Choice: Letter, A4, Legal** |
| **E-Mail** | |
| Default Subject | Default text for the **Subject** field in email messages from the @2000. **Up to 64 characters are allowed.** The default subject is used ***only*** when users fail to enter anything in the **Subject** field in email message from the @V2100. |
| B/W File Format | File format for documents to be sent in black and white via e-mail from @V2100.<br>**Choice: PDF or TIF** |
| Color File Format | File format of the color documents to be sent in color via e-mail from @2000.<br>**Choice: TIF, JPG, and PDF** |
| Fine Resolution for B&W | The scanning resolution you choose to scan from the @2000.<br>**Choice: Fine** (75 dpi, 100 dpi, 150 dpi, 200 dpi, 300 dpi, 400 dpi) |
| Super Fine Resolution for B&W | The enhanced scanning resolution you choose to scan from the @V2100.<br>**S. Fine** (100 dpi, 150 dpi, 200 dpi, 300 dpi, 400 dpi, 600 dpi) |
| Fine Resolution for Color | The scanning resolution you choose to scan from the @2000.<br>**Choice: Fine** (75 dpi, 100 dpi, 150 dpi, 200 dpi, 300 dpi, 400 dpi) |
| Super Fine Resolution for Color | The enhanced scanning resolution you choose to scan from the @V2100.<br>**S. Fine** (100 dpi, 150 dpi, 200 dpi, 300 dpi, 400 dpi, 600 dpi) |

| Activities | Description |
|---|---|
| **Setup Menu** | |
| **E-Mail** | |
| Document Type | The contents for your document.<br>**Choice: Text** and **Photo** |
| Compression Rate | The compression level for the documents you send from the @V2100.<br>**Choice: Low, Medium, and High** |
| **Filing** | |
| File Name Prefix | The file name for filing a document without extension. Using #Y#H#M#D#h#m#s makes file name change as time goes. (Y(y),H(h),W(w),D(d),M,m,and S represent year,hour, week, date ,month, minute, and second respectively.)i.e., Myfile#m#s lets the file name show minutes and seconds at the last part of file name like Myfile1120, Myfile1260,etc.. |
| B/W File Format | File format for documents to be sent in black and white via e-mail from @V2100.<br>**Choice: PDF or TIF** |
| Color File Format | File format of the color documents to be sent in color via e-mail from @2000.<br>**Choice: TIF, JPG, and PDF** |
| Fine Resolution for B&W | The scanning resolution you choose to scan from the @2000.<br>**Choice: Fine** (75 dpi, 100 dpi, 150 dpi, 200 dpi, 300 dpi, 400 dpi) |
| Super Fine Resolution for B&W | The enhanced scanning resolution you choose to scan from the @V2100.<br>**S. Fine** (100 dpi, 150 dpi, 200 dpi, 300 dpi, 400 dpi, 600 dpi) |
| Fine Resolution for Color | The scanning resolution you choose to scan from the @2000.<br>**Choice: Fine** (75 dpi, 100 dpi, 150 dpi, 200 dpi, 300 dpi, 400 dpi) |
| Super Fine Resolution for Color | The enhanced scanning resolution you choose to scan from the @V2100.<br>**S. Fine** (100 dpi, 150 dpi, 200 dpi, 300 dpi, 400 dpi, 600 dpi) |
| Document Type | The contents for your document.<br>**Choice: Text** and **Photo** |
| Compression Rate | The compression level for the documents you send from the @V2100.<br>**Choice: Low, Medium,** and **High** |
| **Function Buttons** | |
| Button #1~6 | Set the most frequent cover message for the Fn#1~6 keys in the supplied PS2 keyboard. |

| | |
|---|---|
| | **Choice: Copy, E-mail, Filing** |
| **Address Book Menu** | |
| **Email** | The email address sets for the @V2100. Up to 2000 email addresses are available to be set. After an email is sent, an auto-saving function will show up a dialog screen to ask the user whether to keep the sent address on the @V2100.<br>**Menus: Add, Delete, and Modify** |
| **Group** | The group of more than one email addresses. Up to 50 groups can be set. Up to 99 e-mails can be set in one group.<br>**Menus: Add, Delete, and Modify** |
| **Folder** | |
| **Folders** | At most 50 empty folders are available. |

| **Activities** | **Description** |
|---|---|
| **User Profile** | |
| **Local User** | Create and display registered users of this machine if **"Enable Security For Email"** or **"Enable Security For Fax"** is checked.<br>**Menu: Add, Delete, and Modify** |
| **Administrator** | |
| **Login Name** | The login name for the administrator. If the administrator wishes to change current name, enter new login name in the field.<br>**Note: The login name is case-sensitive and allows up to 16 characters.** |
| Enter New Login Name | New login name for the administrator if the administrator wishes to create a new one.<br>**Note: The login name is case-sensitive and is up to 8 characters.** |
| Verification | Confirmation of the new login name. |
| **Administrator's E-Mail Address** | The email address for the administrator. Update administrator's email address in this field. |
| Enter New E-Mail Address | New e-mail address for the administrator if the administrator wishes to create a new one.<br>**Note: Up to 64 characters can be set in the e-mail address.** |
| Verification | Confirmation of the new e-mail address. |
| **Password** | Current password for the administrator. If the administrator wishes to change current password, double click **Password** to prompt **Change Password** dialog. |
| Enter Previous password | Previous password for the administrator. |

| | |
|---|---|
| Enter New Password | New password for the administrator if the administrator wishes to create a new one.<br>**Note: Up to 8 characters are allowed.** |
| Verification | Confirmation of the new password. |
| **Enable Security for Emails** | Scroll to **Yes** to prevent any non-registered users from sending emails on the @V2100. In 3 minutes after a user logins the @V2100 and sends an email, the security system will be enabled. During the 3 minutes before the security system is enabled, anyone can use the machine. Press the Logout button if you want any non-registered user to be unable to use the machine during this 3-minute period. |
| **Enable Security for Filing** | Scroll to **Yes** to prevent any non-registered users from sending a file on the @V2100. In 3 minutes after a user logins the @V2100 and sends a file, the security system will be enabled. During about 3 minutes before the security system is enabled, anyone can use the machine. Press the Logout button if you want any non-registered user to be unable to use the machine during this 3-minute period. |
| **Add New Folder After Filing** | Scroll to **Yes** to add the new filing folder to the folder book. |
| **Add "To" Address After Sending** | Scroll to **Yes** and a dialog appears ,asking you if you need to add the new email address into the address book after sending your document(s). |

| Activities | Description |
|---|---|
| **Administrator Menu** | |
| **E-mail Default From** | Default e-mail address for the **From** field in email message from the @V2100. **Up to 64 characters are allowed.** The default address is used ***only*** when users fail to enter anything in the **Form** field in email message from the @V2100. |

# 4 Managing the Address Book

Avision Java-Manager is a convenient browser-based tool to manage the address book of the @V2100 remotely. Since only the administrator can manage the address book, it is highly recommended that the administrator read this chapter before using the @V2100.

## Managing Your E-mail Address Book

**ADDING AN E-MAIL ADDRESS**

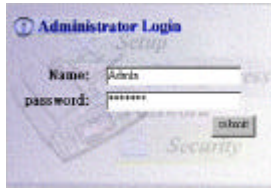
**To add an e-mail address,**

1. Start your browser, Netscape Communicator or Microsoft I.E.
2. Type your IP address in the URL field.
   for example, http://xxx.xxx.xxx.xxx

   The Avision @V2100 web page appears as shown below.

**Note: The web page is best viewed at a 1024 x 768 dpi resolution.**

**3.** Press the **Administrator** button to prompt the **Login** dialog.




**4.** Enter the name and password of the administrator and press the **"Submit"** button. The **Administrator** screen appears.

**5.** Press "**@ddress**" to prompt the **Address Book** dialog.

**6.** Press the **E-mail** icon and choose **"Add"** to prompt the **Add A New E-mail Address** dialog.

**7.** Enter a local user's name ,password ,and email address ,and click "**Continue**" for the next input or "**Finish**" to temporarily save the latest data and return to the main screen.

**8.** Click **Save** to permanently save all the latest data on the @V2100,

or

**Exit** to leave without saving any latest data.

## MODIFYING E-MAIL ADDRESSES

**To modify e-mail addresses,**

1. Repeat Step 1 to Step 5 from the previous section, *Adding E-mail Addresses*. The Address book dialog appears.

2. Click the **E-mail** icon and choose the address you want to modify from the list. A Modify E-mail address dialog appears.

3. Modify your address.

4. Click **Update** to temporarily save the latest data ,or **Cancel** to exit.

5. Click **Save** to permanently save all the latest data on the @V2100,

**or**

**Exit** to leave without saving any latest data.

## DELETING E-MAIL ADDRESSES

**To delete e-mail addresses,**

**1.** Repeat Step 1 to Step 5 from the previous section, *Adding E-mail Addresses*. The Address Book dialog appears.

**2.** Click the **E-mail** icon on the top and choose the addresses you want to delete from the list.

3. Click **"Delete"** to erase the address. A warning message appears to confirm your deletion. Click **OK** to confirm or **Cancel** to exit.

4. Click **Save** to permanently save all the latest data on the @V2100,

or

**Exit** to leave without saving any latest data.

# Managing Your Groups

## ADDING NEW GROUPS

To add new groups,

1. Repeat Step 1 to Step 5 from the previous section, *Adding E-mail Addresses*. The Address book dialog appears.

2. Click the **Group** icon and choose **"Add"** to prompt the **Add A New Group** dialog.

3. Enter your group name.
4. Choose the address from the right side and click ← to add to the group.

5. Click "**Continue**" for the next input or "**Finish**" to temporarily save the latest data and return to the main screen.

6. Click **Save** to permanently save all the latest data on the @V2100,

or

**Exit** to leave without saving any latest data.

**To modify groups,**

1. Repeat Step 1 to Step 5 from the previous section, *Adding E-mail Addresses*. The Address book dialog appears.

2. Click the **Group** icon on the top and choose "**Modify**" to display the **Modify A Group Set** dialog.

3. Choose one member you want to delete from the group and click the → key to delete or insert a new member from the current addresses by choosing the address on the right side and clicking the ← key to insert to the group.

4. Click **Update** to temporarily save the latest data ,or **Cancel** to exit.

5. Click **Save** to permanently save all the latest data on the @V2100,
or
**Exit** to leave without saving any latest data.

## DELETING GROUPS

**To delete groups,**

1. Repeat Step 1 to Step 5 from the previous section, *Adding E-mail Addresses*. The Address Book dialog appears.

2. Click the **Group** icon and choose the group name you want to delete from the list.
3. Click **Delete** to erase the number. A warning message appears to confirm your deletion. Click **OK** to confirm or **Cancel** to exit.
4. Click **Save** to permanently save all the latest data on the @V2100,

   or

   **Exit** to leave without saving any latest data.

**Note:** **A Group can be a combination of several email addresses.**

# 5 Managing Filing Folders

**ADDING NEW FOLDERS**

**To add a new folder,**

1. Repeat Step 1 to 4 from the previous chapter ,and click **Folder** icon to show up **Favorite Folder** dialog as shown below:

2. Click **Add** to prompt the **Favorite Folder** dialog.

**Fill/choose your favorite items on the above dialog by referring to the following direction:**

Folder Name: Name a folder to hold all set-up information.
(Note: The folder names can not be repeated.)

Protocol: includes FTP, HTTP, and CIFS.

Server: the IP address of a server.

Directory: The directory path of the designated filing server.

The rule of how to write the path depends on Protocols.

FTP and HTTP: Begin with the root directory without slash line.

Example: **FILINGFOLDER /image file**

**CIFS**: MS Windows' UNC naming method is applied. Begin with server name with double slash lines added at the front.

Example: \\YourComputer\ FILINGFOLDER

User Name: Login name of the filing server.

Password: Login password to enter the filing server.

3. Click "**Continue**" for the next input or "**Finish**" to temporarily save the latest data and return to the main screen.

4. Click **Save** to permanently save all the latest data on the @V2100,

or

Exit to leave without saving any latest data.

## MODIFYING FOLDERS

**To modify a folder,**

1. Repeat Step 1 in the previous section, the Favorite Folder's main screen appears , as below:

2. Click **Modify** to prompt Favorite Folder dialog screen as below:

Now, refer to the previous section to modify your folder content.

3. Click **Update** to temporarily save the latest data ,or **Cancel** to exit.

4. Click **Save** to permanently save all the latest data on the @V2100,
or
**Exit** to leave without saving any latest data.

## DELETING FOLDERS

**To delete a folder,**

1. Repeat Step 1 in the previous section, the Favorite Folder's main screen appears , as below:

2. Click the **Delete** icon and choose the folder name you want to delete from the list.

3. Click **Delete** to erase the number. A warning message appears to confirm your deletion. Click **OK** to confirm or **Cancel** to exit.

4. Click **Save** to permanently save all the latest data on the @V2100,

or

**Exit** to leave without saving any latest data.

# 6 Operation

With an intuitive control panel, the @2000 is designed to be easy-to-use. Basically, operating the @V2100 takes three simple steps:

1. Load your paper either in the ADF or on the glass.
2. Type or select your recipient's destination.
3. Press the **"Mono"** button or the **"Color"** button to execute the command of filing , copying, and E-Mailing your documents

The following sections describe in detail the prerequisites you should know and the advanced features on how to send your document(s) ,make copy, and file document with the @V2100.

# Loading Paper

The @2000 can scan and send document(s) either in the ADF (Automatic Document Feeder) or on the glass. If you need to send multiple pages, please load your papers in the ADF. The ADF can hold up to 30 pages at one time. If you need to send pages from books, newspaper clippings, or paper with wrinkles or curls, please place your paper on the glass.

**NOTICE ON USING THE ADF**

Before using the ADF, please make sure that your paper meets the following specifications:

- Document(s) can range in size from 4.5 by 5.5 inches to 8.5 by 14 inches (Legal).
- Document(s) can range in weight from 14 to 28 lbs (0.002" to 0.006").
- Document(s) should be square or rectangular and in good condition (not fragile or worn).
- Document(s) should be free of curl, wrinkle, tears, wet ink, or punch holes.
- Document(s) should be free of staples, paper clips, paper sticky notes.
- Keep the glass clean without document placed on it.

**** To transmit irregular types of document(s), place the document(s) on the glass or make a copy first and then transmit the copy instead.**

## PLACING DOCUMENT(S) IN THE ADF

**1.** Make sure your document is free of staples, paper clips and is not tore out.

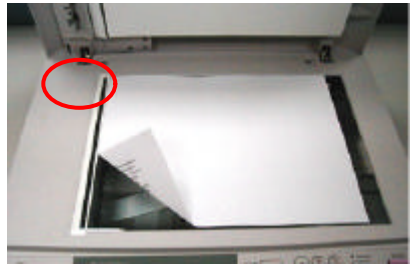
**2.** If you have multiple pages, fan your document(s) to avoid occasional paper jam. The ADF holds up to 30 pages at one time.

**3.** Place your document(s) with the text **FACE UP** in the ADF and make sure that the top of the pages is fed in first.

**4.** Adjust the Paper Guides to center the document(s) in the ADF.

1. Open the document(s) cover to reveal the glass.

2. Place your document(s) with the text **FACE DOWN** on the glass and align the document(s) in the upper-right corner of the glass.



3. Close the document cover.

## Sending Emails

1. Place your document(s) face up in the ADF or face down on the glass.

2. Press the E-MAIL key. The LCD displays the Email screen.

```
From:
Subj:
To:
CC:
BCC:
Memo:
```

You can temporarily select your scanning resolution between **Fine (75 dpi, 100 dpi, 150 dpi, 200 dpi, 300 dpi, 400 dpi)** and **Super Fine (100 dpi, 150 dpi, 200 dpi,300 dpi, 400 dpi, 600 dpi)** by pressing the **Menu** button and selecting **E-mail** then **Fine Resolution** or **S. Fine Resolution**.

3. Enter your email address manually with the keyboard.

Or select the email address from the address book via the Address Book /Folders button and press the Select/OK button.

4. Enter your e-mail message with the keyboard.

5. Press the Mono key to send your document(s) in black and white.

Or press the Color key to send your document(s) in color.

The LCD displays the scanning progress on the sending of your document(s) via email.

```
<Scanning>          100%
< Image Transferring>
```

**Note:**

1. **You can send your document to e-mail addresses simultaneously.**
2. **If the "Enable Security for Email" box has been checked, you have to enter the password to access the e-mail forwarding function.**
3. **If you make a mistake during the process, press the Stop/Clear key to cancel and return to the factory default settings.**
4. **If you have stopped typing in the From, Subject, To, CC, or BCC fields for three minutes, the LCD-display automatically clears what you have typed.**
5. **Up to 18 lines of text on the LCD-display (each line includes 34 characters) can be shown in the Memo field.**

# Making Copy

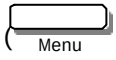
## BEFORE MAKING COPY

Before making copy through the control panel, please do the following:

1. Make sure that your printer supports PCL or Postscript printer language.
2. Check if your printer has been properly connected to the @V2100.

Please note that your @V2100 can be connected with various brands of laser printers as long as they are PCL- or PostScript-compliant. To ensure that the printing function works properly, a printer profile for the designated printer has been included in the machine. However, if you replace your current printer with another one, you need to download the printer profile for the new printer. Choose then the correct printer model in the LCD-display on your @V2100.

To select the printer model,

1. Press the **Menu** button ( 

) on the Control Panel.
2. Press the key to scroll down to the **Copy** menu and press the Select button (

). The Copy menu appears.

| |
|---|
| **1. Printer Name:**<br>**2. Paper Type:**<br>**3. Paper Size:** |

3. Choose **Printer Name** and then press the key to scroll to your new printer model and press the Select button )

To make simple copy,

1. Place your document(s) either in the ADF or on the glass.

2. Press the

key to send your document(s) in black and white.

   Or press the

key to send your document(s) in color.
   The LCD displays the scanning progress of the printing of your document(s) from your printer.

```
<Scanning>          100%
<Image Transferring>
```

**Note:** **If you make a mistake during the transmission process, press the Stop/Clear key to cancel and return to the factory default settings.**

## PRINTER COMPATIBILITY LIST

Before using the copy features, make sure that you have connected a color or black and white laser printer to your @V2100.

Please also note that the @V2100 can be connected to various brands of laser printers as long as they are PCL-compliant (it even supports some PostScript printers). The supported printer table is listed as below:

| Brand Name | Model |
|---|---|
| **Tektronix** | Phase 740/Phaser 750 |
| **Mita** | Ci 1100 |
| **HP** | 4500/5000L |
| **Kyocera** | FS-3750/5900/FS-9000/FS-1800 |
| **Lexmark** | T614/C710/M412 |
| **Oki** | 8C/8C plus/7400/7200 |
| **Samsung** | QL-7000 |
| **QMS** | 330/CX2/6100/magicolor 2200 |
| **EPSON** | 8200C/3000C/C820 |
| **Kx** | P8415 |
| **Casio** | N5 |
| **Canon** | LBP730 |
| **More will be added…** | |

Note:
For the most updated printer list, please visit the Avision's web site at http://www.avision.com

You can access a variety of copy features before pressing the **"Mono"** or **"Color"** buttons. These features include:

- Changing Scaling
- Adjusting Density
- Choosing Copy Quality
- Choosing Paper Size
- Increasing Copy Count
- Focusing on Photo/Text/Auto

## CHANGING SCALING

**To reduce or enlarge the original document,**

1. Press the Copy button on the panel to prompt the Copy screen.

2. Press the ə key to enlarge your document in 1 percent increment. Or press the ▼ key to reduce your document in 1 percent decrement.

Or, press the round button to choose your scaling from preset scaling from 144%, 122%, 115%, 93% (whole page) 86%, 81%.

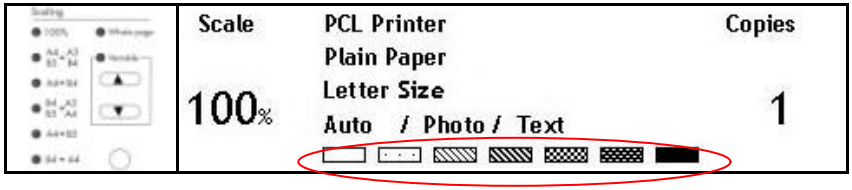
** **After you make your copy, the machine will automatically return to the preset settings.**

## ADJUSTING DENSITY

The @V2100 is preset to the Normal level of density. If your original document comes with a lighter or darker contrast, you can improve the quality using the Adjusting Density feature.

**To change your density,**

1. Press the Copy button on the panel to prompt the Copy screen.




2. Press the key to move your cursor down to the Density field.
3. Choose your desired density with the or keys.

The @V2100 is preset to **Fine** copy quality, the setting suitable for most business document(s). If necessary, this setting can be changed to **Super Fine** copy quality.

**To choose your copy quality,**

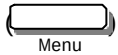
Press the

key to enhance your copy quality.

The Super Fine button appears with a lit LED.

Your machine is preset to Letter size. If your output paper size is different from Letter, change your output size with the touch of the buttons.

To change your output paper size,

1. Press the **Menu** button ( 

) on the Control Panel.
2. Press the key to scroll down to the **Copy** menu and press the Select button (

). The Copy menu appears.

| |
|---|
| **1. Printer Name:**<br>**2. Paper Type:**<br>**3. Paper Size:** |

3. Press the key to scroll down to Paper Size and press the Select button to prompt the option. (Letter/A4/Legal)

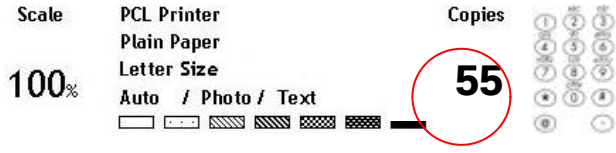
4. Choose the paper size with the or keys and press the Select button.

## INCREASING COPY COUNT

The @V2100 is preset to 1 copy count. If you wish to increase the number of copies, choose your desired copy count with the numeric keypad or keyboard.

To increase your copy count,

1. Press the Copy button on the Control Panel to prompt the Copy screen.
2. Enter your desired copy count with the numeric keypad. The LCD display shows the number of your copy count.

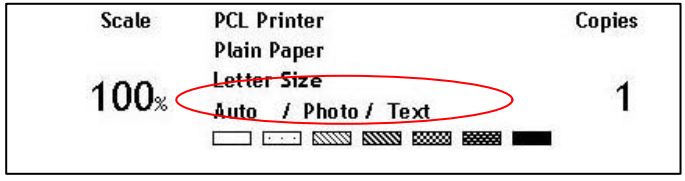


## FOCUSING ON PHOTO OR TEXT

The machine is preset to auto mode. If required, you can change to photo or text if you wish to focus your copy result on photo or on text.

To change your focus on photo or text,

1. Press the Copy button on the Control Panel to prompt the Copy screen.




2. Press the key to scroll down to the Auto/Photo/Text field.
3. Choose your focus with the or keys.

## Start Filing Document

1. Place your document(s) face up in the ADF or face down on the glass.
2. Press the [FILING] key. The LCD displays the Filing screen.

**File Prefix:**
**Folder:**
**Password:**
**Post Proc.: None**

You can temporarily select your scanning resolution between **Fine (75 dpi, 100 dpi, 150 dpi, 200 dpi, 300 dpi, 400 dpi)** and **Super Fine (100 dpi, 150 dpi, 200 dpi,300 dpi, 400 dpi, 600 dpi)** by pressing the **Menu** button,and selecting **E-mail** and **Fine Resolution** or **S. Fine Resolution**.

(A) File Prefix: Enter your desired file name without extension.

(B) Folder:

**Selecting preset folder:** You can enter any preceding string and press Select/Enter to look up your desired folder or Press **Address Book/ Folders** button and move the curser to select the folder.

**Adding new folder:** Clicking <New Folder> to create a new folder.

3. Enter the following screen and fill/select your desired items.

(**Note:** Different servers with different protocols have different share settings. Please consult with your server managers to collect the data you want. On this section, CIFS protocol under Win9X is illustrated.)

```
Name :  Myfolder
Protocol : CIFS
Server IP: 10. 1. 20.134
Directory : \\Your Computer\FILINGFOLDER
Server UID :
Password  : *****
OK
```

Regarding all items above, refer to Managing Filing Folder chapter.

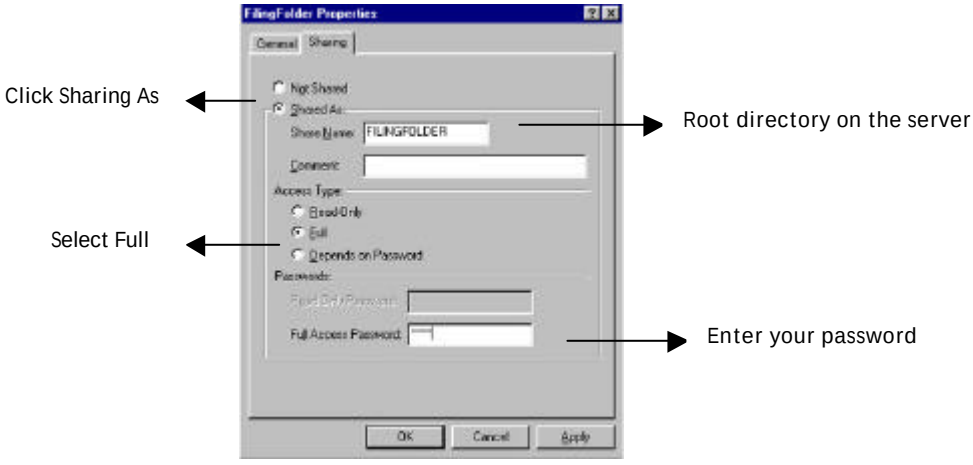
4. Select OK and press to return to the folder main screen, as below:



**File Prefix:** Myfile
**Folder:** Myfolder
**Password:**
**Post Proc.:** None

If File Prefix name has not been filled, please fill in.

Below is the Win98 CIFS server sharing set up screen for your reference.




5. The history moment is coming. Press the

key to file your document(s) in black and white,or the

key in color.

# 7 Troubleshooting

## Information Codes/Message

**INFORMATION CODES DURING SCANNING AND COPYING**

| Info code | Meaning | Action | Page |
|---|---|---|---|
| 10001 | SRAM error | Restart your @V2100. (Turn off and on again.)<br>If the code still appears, contact your dealer. | -- |
| 10002 | DRAM error | Restart your @V2100.<br>If the code still appears, contact your dealer. | -- |
| 10003, 10004 | Lamp error | Restart your @V2100.<br>If the code still appears, contact your dealer. | -- |
| 10005 | Home sensor error | Restart your @V2100.<br>If the code still appears, contact your dealer. | -- |
| 10006 | Lamp error | Restart your @V2100.<br>If the code still appears, contact your dealer. | -- |
| 10007 | Lock error | 1. Turn off your @V2100.<br>2. Find the lock switch underneath the machine and unlock the machine.<br>3. Restart your @V2100.<br>If the code still appears, contact your dealer. | 2-3 |
| 10008, 10009 | ADF error. | ADF paper jam.<br>Open the ADF cover and remove the paper from the ADF.<br>If the code still appears, contact your dealer. | 6-2 |
| 10201 | Z1 access error | Restart your @V2100.<br>If the code still appears, contact your dealer | -- |
| 10202 | Z1 SRAM error | Restart your @V2100.<br>If the code still appears, contact your dealer | -- |

**MESSAGE DURING SCANNING AND COPYING**

| LCD Message | Action | Page |
|---|---|---|
| Copy function disables. | Please download the printer profile. | -- |
| Check printer cable or status. | 1. Check if the printer cable has been correctly connected.<br>2. Check if the printer is turned on.<br>3. Restart the @V2100 and your printer.<br>4. If the message still appears, contact your dealer. | -- |

**INFORMATION CODES DURING NETWORKING**

| Info Code | Meaning | Action | Page |
|---|---|---|---|
| 20512 | The connection failed. | Ping the @V2100 from another PC. If the @V2100 has no response, then perform the following steps.<br>1. Check if the RJ-45 connector is firmly plugged-in.<br>2. Check the Ethernet cable.<br>3. Check the @V2100 IP address.<br>4. Check the destination IP address.<br>5. Check Subnet Mask.<br>6. Check Gateway IP. | 2-5, 2-9 |
| 20519 | The destination address is invalid. | | |
| 20530 | Network is down. | | |
| 20531 | Network is unreachable. | | |
| 20533 | The connection aborted by the server. | | |
| 20534 | The connection reset by the server. | | |
| 20540 | Connection timed out | | |
| 20541 | The attempt to connect failed. | | |
| 20545 | The destination host is not able to reach. | | |

## INFORMATION CODES DURING E-MAILING

| Info Code | Meaning | Action | Page |
|---|---|---|---|
| 30421<br>31421<br>32421 | Service not available, closing transmission channel. The Server is going to shut down. | Contact the network administrator. | -- |
| 31450 | Requested mail action not taken: mailbox unavailable | Check the “To” address. | |
| 31451<br>32451 | Requested action aborted: local error in processing | Contact the network administrator. | |
| 31452<br>32452 | Requested action not taken: insufficient system storage | Contact the network administrator. | |
| 30500<br>31500<br>32500<br>33500 | Syntax error, command unrecognized | Reboot the machine, and try again. If the error still appears, contact your dealer. | |
| 30501<br>31501 | Syntax error in parameters or arguments | 1. Check if the Device Name is valid. The Device Name can be found by pressing the “Menu” button and choose the “General” item.<br>2. Check the “From” address.<br>3. Check the “To” address.<br>4. Contact the network administrator. | |
| 31503<br>32503 | Bad sequence of commands | Restart the machine, and try later. If the error still appears, contact your dealer. | |
| 30504 | Command parameters not implemented | Check if the Device Name is valid. The Device Name can be found by pressing the “Menu” button and choose the “General” item. | |
| 31550 | Requested action not taken: mailbox unavailable<br>[E.g., mailbox not found, no access] | Check the “To” address. | |

| Info Code | Meaning | Action | Page |
|---|---|---|---|
| 31551 | User not local: please try again. | Check the “To” address. | |
| 31552 | Requested mail action aborted: exceeded storage allocation | 1. Check the “From” address.<br>2. Check the “To” address.<br>3. Contact the network administrator.. | |
| 31553 | Requested action not taken: mailbox name not allowed | Check the “To” address. | |
| 32554 | Transaction failed | Contact the network administrator. | |

**Information Codes During Filing**

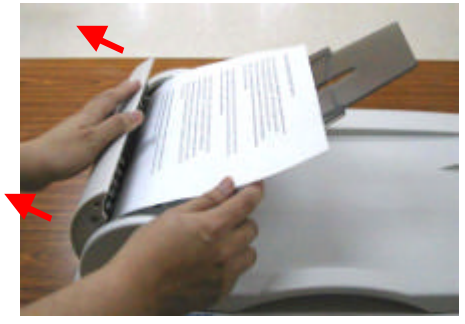
| Info Code | Meaning | Action | Page |
|---|---|---|---|
| 41530 | FTP password incorrect | Check password in folder and try again. | -- |
| 41421<br>42421<br>43421<br>44421 | FTP Service not available | Make sure the FTP server is not shut downing. If the error is still there, contact your system administrator. | -- |
| 42530 | FTP login fail | Check Server UID and password in folder and try again. | -- |
| 43550 | FTP can’t enter this directory | Make sure your have privilege to enter this directory. | |
| 44450 | FTP File unavailable | Other user accesses the file you want to override. | |
| 44452 | FTP server storage insufficient | Check FTP server free storage space and contact your system administrator. | |
| 44553 | FTP file action not taken. | Make sure you have privilege to write file or to create subdirectory in that directory. | -- |

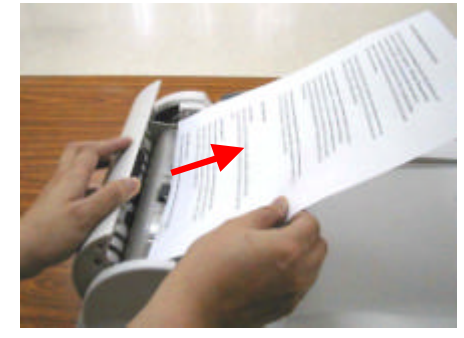
| Info Code | Meaning | Action | Page |
|---|---|---|---|
| 57600 | CIFS fail to connect | Check that server supports CIFS(SMB) connection. | |
| 57601 | CIFS Network share name incorrect. | Check directory in folder and make sure it follows UNC, like \\Computer\Share\directory. | |
| 57610 | CIFS Login Fail | Check user name and password for this folder. | |
| 57620 | CIFS dialect negotiation fail | This CIFS may not support PC NETWORK PROGRAM 1.0 dialect. | |
| 57710 | CIFS fail to create file. | Make sure you have full control privilege on this network share. | |
| 58100 | HTTP fail to connect | Check whether that server supports HTTP connection. | |
| 58200 | HTTP fail to put file | That server may not support HTTP 1.1 PUT command or you haven't privilege to put file on that directory, contact your system administrator for help. | |

## Clearing a Paper Jam

In the event of a paper jam, follow the procedures below to remove the paper:

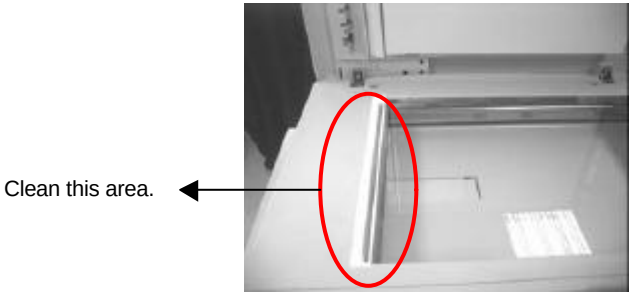
1. Gently open the ADF front cover to the left.
2. Carefully pull the paper out of the ADF unit.
3. Close the ADF front cover. Your @V2000 is now ready to use.





## Removing the abnormal line image

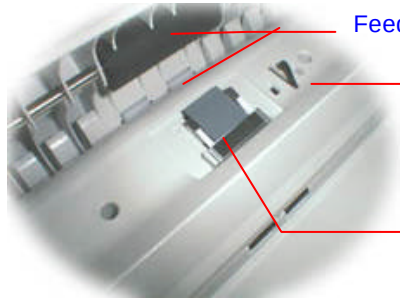
When the scanned image is with abnormal lines on it, clean the strip of glass area as indicated below.



## Cleaning the ADF

From time to time the pad assembly and feeding rollers may become contaminated with ink, toner particles or paper dust. In this case the @V2100 may not feed documents smoothly. If this occurs please follow the cleaning procedures to return your machine to its original state.

1. Moisten a cotton swab with isopropyl alcohol (95%).
2. Gently open the ADF front cover. Wipe the feeding rollers by moving the swab from side to side. Rotate the rollers forward with your finger and repeat the above cleaning procedures until the rollers are clean. Be careful not to snag or damage the pick springs.
3. Wipe the pad in the direction from top to bottom. Be careful not to hook the pick springs.
4. Close the ADF unit. Your machine is now ready to use.

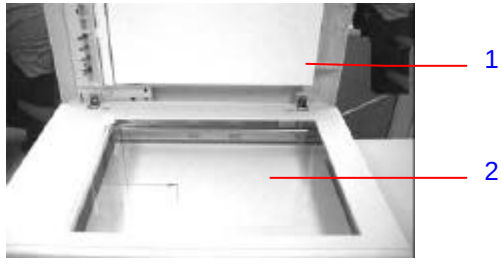


# Cleaning the Glass

The @V2100 is designed to be maintenance-free. However, it still needs to be cleaned occasionally to ensure optimum image quality and performance.

**To clean the glass,**

1. Open the document cover as shown below.
2. Dip a soft clean cloth with isopropyl alcohol (95%).
3. Gently wipe the document glass and the white sheet beneath the document cover to remove the dust or any toner particles.
4. Close the document cover. The @V2100 is now ready for use.



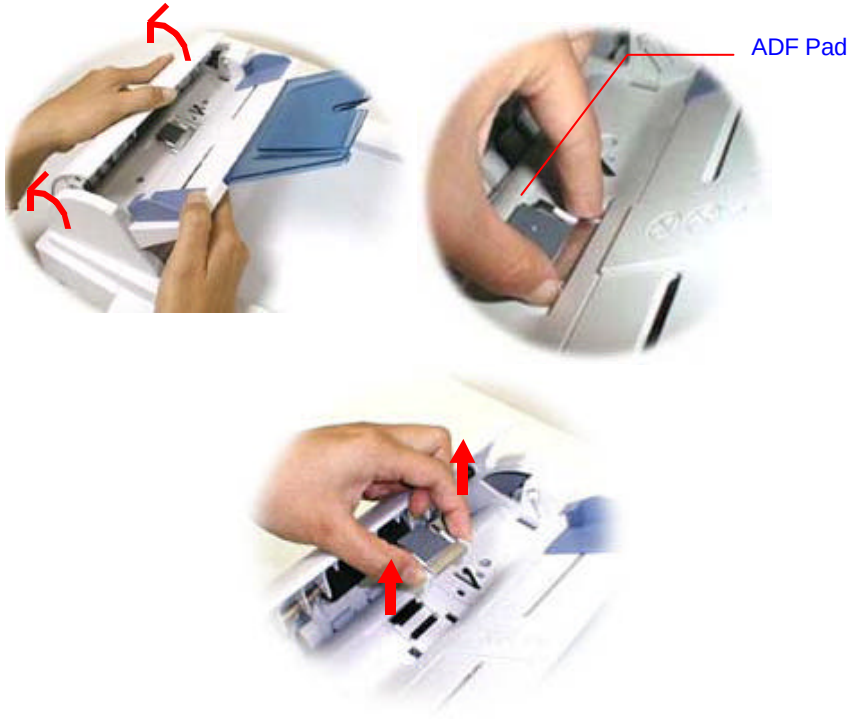

1. Document Cover
2. Document Glass

# Replacing the Snap-in Pad Module

After scanning approximately 20,000 pages through the ADF, the pad may be worn out and you may experience problems with document feeding. In this case, it is highly recommended to replace the pad module with a new one. For ordering the pad module, please consult your nearest dealer and follow the procedure below to replace it.

**Disassembling Procedure**

1. Gently open the ADF front cover to the left.
2. Press both arms of the ADF snap-in pad module inwardly with your fingers to pull out the ADF snap-in pad module.



**Assembling Procedure**

1. Take out the ADF pad module from the box.
2. Press both arms of the ADF snap-in pad module inwardly with your two fingers
3. Place it into the holes until it snaps into place.

# Technical Support

If your problem still exists after trying the above solution, please prepare the following information and then contact the technical support of Avision.

- Serial number of your machine
- Your network parameters
- Error Code and its description if any
- Brand and model name of the Printer connected to the machine

## Headquarter

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Web Site: http://www.avision.com

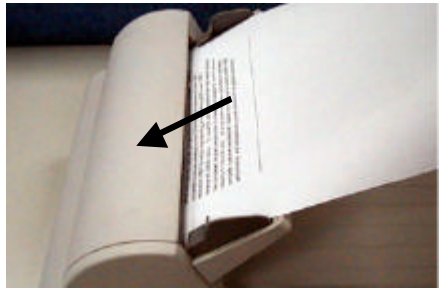
# Appendix

## Quick Guide

### Placing Your Documents

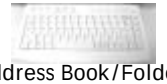
**For multi-page transmission**

Place your document **FACE UP** in the ADF.



**For single-page transmission**

Place your documents **FACE DOWN** on the glass.

| | | |
|---|---|---|
| COPY<br>Press the Copy button. | Enter your copy count via the numeric keypad<br> | Press the **Mono** button to make B&W copy.<br><br>Press the **Color** button to make color copy. |
| E-MAIL<br>Press the E-MAIL button. | Enter an email address with your keyboard.<br>  <br>or press "Address Book/Folders" to select from the list<br>(i.e Press & Select/ok )<br>Address Book /Folders | Press the **Mono** button to send your document in Black & white.<br><br>Press the **Color** button to send your document in color. |
| FILING<br>Press the Filing button. | Enter a file folder name with your keyboard<br> <br>or press "Address Book/Folders" to select from the list<br>(i.e.Press & Select/ok )<br>Address Book /Folders | Press the **Mono** button to file your document in color.<br><br>Press the **Color** button to file your document in color. |

# Specifications

| Items | Specifications |
|---|---|
| **System Overview** | |
| System Description | Stand-alone Internet Appliance |
| Output Quality | 600 dpi, 36 bit color |
| External Connections | 1. RJ-45 (for Network connection)<br>2. SPP (for Copy application)<br>3. RJ-11 (option, for PSTN connection)<br>4. PS2 (option, for External standard PS2 keyboard) |
| Internet Transmission Speed (ADF, Letter, B/W, Gray, Color) | 200 dpi: 8 PPM |
| Copy Speed (ADF, A4, 300 dpi) | B/W: 9 PPM<br>Color: 1.5 PPM |
| FAX/Modem | Optional 14.4K bps Fax/Modem module |
| Network Connection | Yes, 10/100 Mbits auto-negotiation |
| Networked Workgroup Solution for: | Stand-alone Copy<br>E-Mail via Internet/Intranet<br>E-mail/Fax mixed broadcast<br>Filing |
| Output Format | PDF, JPEG,Tiff, Postscript, PCL |
| CPU | 32 bit RISC CPU |
| Memory Size | Flash: 2 MB<br>DRAM: 8 MB |
| ADF Document Size | 4.5” x 5.5” ~ 8.5” x 14” |
| ADF Document Weight/Thickness | 14 ~ 28 lb / 0.002” ~ 0.006” |
| ADF Capacity | 25 sheets |
| Paper Feed | Face Up |
| Duty Cycle | 7,500 pages/month |
| Dimension | 447x365x275(mm) |
| Weight | 6 kgs |
| Power Supply | 24V DC, 2A external power adapter |
| Power Consumption | Less than 30W |

| Copy | |
|---|---|
| Output Format | Postscript, PCL |
| Speed for Local Copy | B/W: 9 PPM<br>Color: 1.5 PPM |
| Multiple Copies | Up to 99 |
| Copy Mode | Standard, High Quality |
| Enlarge / Reduce | Whole Page (97%)<br>25%~400% in 1% increment/decrement<br>Pre-set Scales<br>Customized |
| **Network/Internet Applications** | |
| Connectivity | Ethernet 10BaseT/100BaseTX auto-negotiation with RJ-45 connector |
| Communication Protocol | TCP/IP |
| File Formats | PDF, JPEG, TIFF |
| Supported Browsers | Microsoft IE 4.1 or higher<br>Netscape Navigator 4.0 or higher |
| Configuration Requirement | 1. IP address & subnet mask<br>2. Gateway<br>3. SMTP server/Gateway |
| Security | Yes |
| Network Management | Configuration and administration via standard Web Browsers |

| Filing Applications | |
|---|---|
| Communication Protocol | FTP,HTTP,CIFS |
| File Formats | PDF, JPEG, TIFF |
| Color Speed | 200 dpi 8PPM<br>300 dpi 5ppM |
| B/W Speed | 200 dpi 8PPM<br>300 dpi 8ppM |
| File Formats | PDF, JPEG, TIFF |
| Resolution | Fine: 75,100,150,200,300,400 dpi<br>Super Fine: 100, 150, 200, 300, 400, 600 dpi |

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